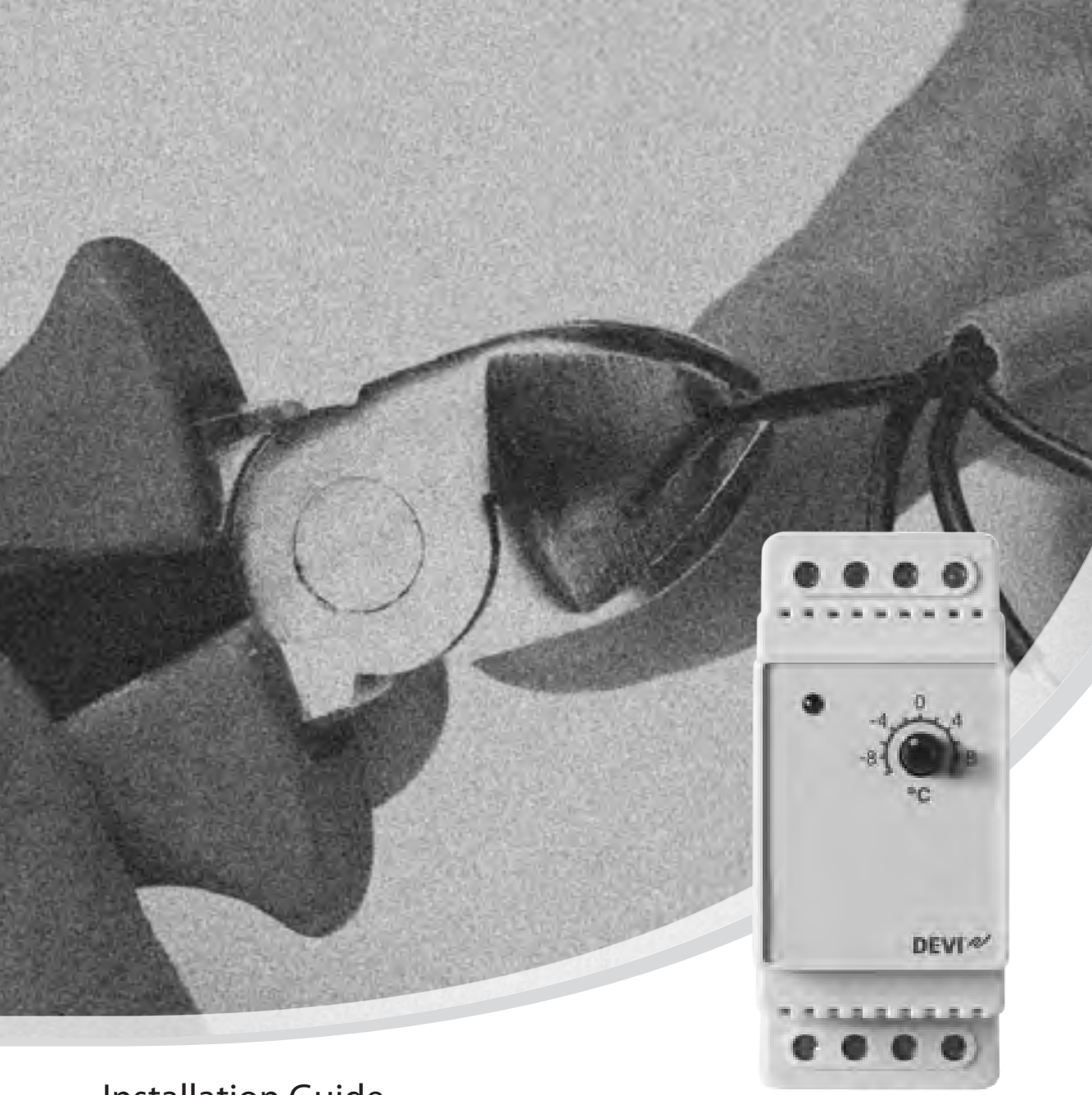


Installation Guide

DEVIreg™ 330 (-10 to+10°C)

Electronic Thermostat

www.DEVI.com

DEVI®

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1 Introduction

DEVIreg™ 330 is an electronic thermostat to be installed in electric cabinets with DIN rail attachment. Used primarily for controlling a lower temperature range as by frost protection. The thermostat must be installed via an all-pole disconnection switch. Either a wire sensor or an external air sensor must be used to measure and control the desired temperature.

The thermostat has a button to adjust the temperature setting, with a scale from -10° to +10°C. An LED indicator shows standby periods (green light) and heating periods (red light).

More information on this product can also be found at: devireg.devi.com

1.1 Technical Specifications

Operation voltage	220-240V~, 50Hz
Standby power consumption	Max 0.25W
Relay: Resistive load Inductive load	 Max 16A / 3680W @ 230V cos φ= 0.3 max1A
Sensing units	NTC 15kOhm at 25°C
Sensing values: 0°C 25°C 50°C	 42kOhm 15kOhm 6kOhm
Hysteresis	± 0.2°C
Ambient temperature	10°C to +50°C
Lowering in economy periods	-5°C
Temperature range	-10°C to +10°C
Cable specification max	1x4mm^2 or 2x2,5mm^2
Ball pressure temperature	75°C
Pollution degree	2 (domestic use)
Type	1C
Storage temperature	-20°C to +65°C
IP class	20

Protection class	Class II - ⧈
Dimensions	86 x 36 x 58mm
Weight	83g

The product complies with the EN/IEC Standard "Automatic electrical controls for household and similar use":

- EN/IEC 60730-1 (general)
- EN/IEC 60730-2-9 (thermostat)

1.2 Safety Instructions

Make sure the mains supply to the thermostat is turned off before installation.

Please also note the following:

- The installation of the thermostat must be done by an authorized and qualified installer according to local regulations.
- The thermostat must be connected to a power supply via an all-pole disconnection switch.
- The sensor is to be considered as live voltage. Have this in mind if the sensor must be extended.
- Always connect the thermostat to continuous power supply.
- Do not expose the thermostat to moisture, water, dust, and excessive heat.

2 Mounting Instructions

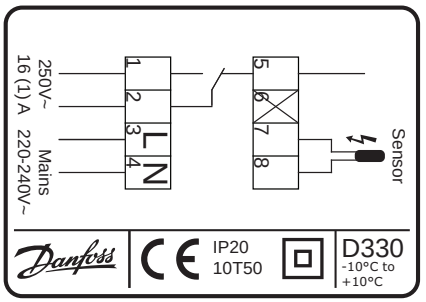
Please observe the following placement guidelines:

- Install the thermostat in an electric cabinet with DIN rail attachment or a separate DIN attachment according to local regulation on IP classes.
- Do not place the thermostat in a way that it will be exposed to direct sunlight.

Follow the steps below to mount the thermostat:

1. Click the thermostat on to the DIN rail attachment.

2. Connect the thermostat according to the connection diagram.



The screen of the heating cable must be connected to the earth conductor of the power supply cable by using a separate connector.

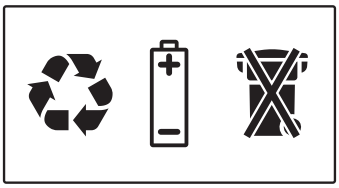
Note: It is recommended that you install the sensor in a conduit.

3. Turn on the power supply.

3 Warranty



4 Disposal Instruction



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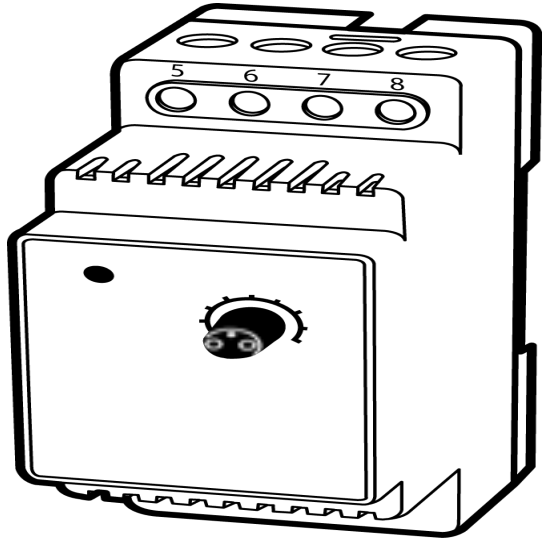
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Produced by Danfoss © 05/2013

DEVIreg 330 -10<>+10°

140F1070

220-240V~
50-60Hz~
-10 to +10°C
16A/3680W@230V~



Product Documentation

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NO EL 5402659
FI SSTL 3531030

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